

Item 23

TITLE : PINNED FEEDER CLEANING ARRANGEMENT  
INVENTOR(S) : HINTON C M; ZIMMERMAN D R; SEMP B A  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : ARRANGEMENT OF BRUSHES AND SPRAYS DESIGNED TO CLEAN PIN  
FEEDERS AND TO REDUCE THE BACTERIAL LOAD ENCOUNTERED BY  
THE PRODUCT.  
PM NUMBER/DATE : D416

Item 24

TITLE : BULK TOBACCO HANDLING SYSTEM COMPRISED OF A ENCLOSED  
TRAILER WITH A BELT DRIVEN FLOOR AND A MODIFIED TOBACCO  
SILO  
INVENTOR(S) : MACHETT J M  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : THIS HANDLING SYSTEM WILL ELIMINATE THE USE OF CONTAINERS,  
HOGSHEADS, OR CASES FOR THE DIRECT SHIPMENT OF TOBACCO  
PRODUCTS BETWEEN LOCAL PROCESSING FACILITIES. IT IS COST  
EFFECTIVE AND ASSURES MINIMAL PRODUCT DEGRADATION.  
KEYWORDS : TRUCK; HANDLING; ENCLOSED; BELT; SILO  
PM NUMBER/DATE : D421

Item 25

TITLE : IMPROVED PNEUMATIC SEPARATOR  
INVENTOR(S) : ABEL M J; JONES D R; SIMS G M  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : IMPROVEMENTS TO A CARDWELL RPAL SEPARATOR. ELIMINATES  
NEED FOR PRE-SCREENING OF LARGE TOBACCO PADS UPSTREAM OF  
  
THE SEPARATOR; ELIMINATES DOWN TIME FROM CHOKE-UP OF THE  
SEPARATOR ROTARY WINNOWER; REDUCES MAINTENANCE  
REQUIREMENTS; ELIMINATES THE NEED FOR A VIBRATING CONVEYOR  
TO FEED THE SEPARATOR WINNOWER; IMPROVES SEPARATION  
EFFICIENCY.  
KEYWORDS : SEPARATE  
PM NUMBER/DATE : D419-1

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